

FIG. 1

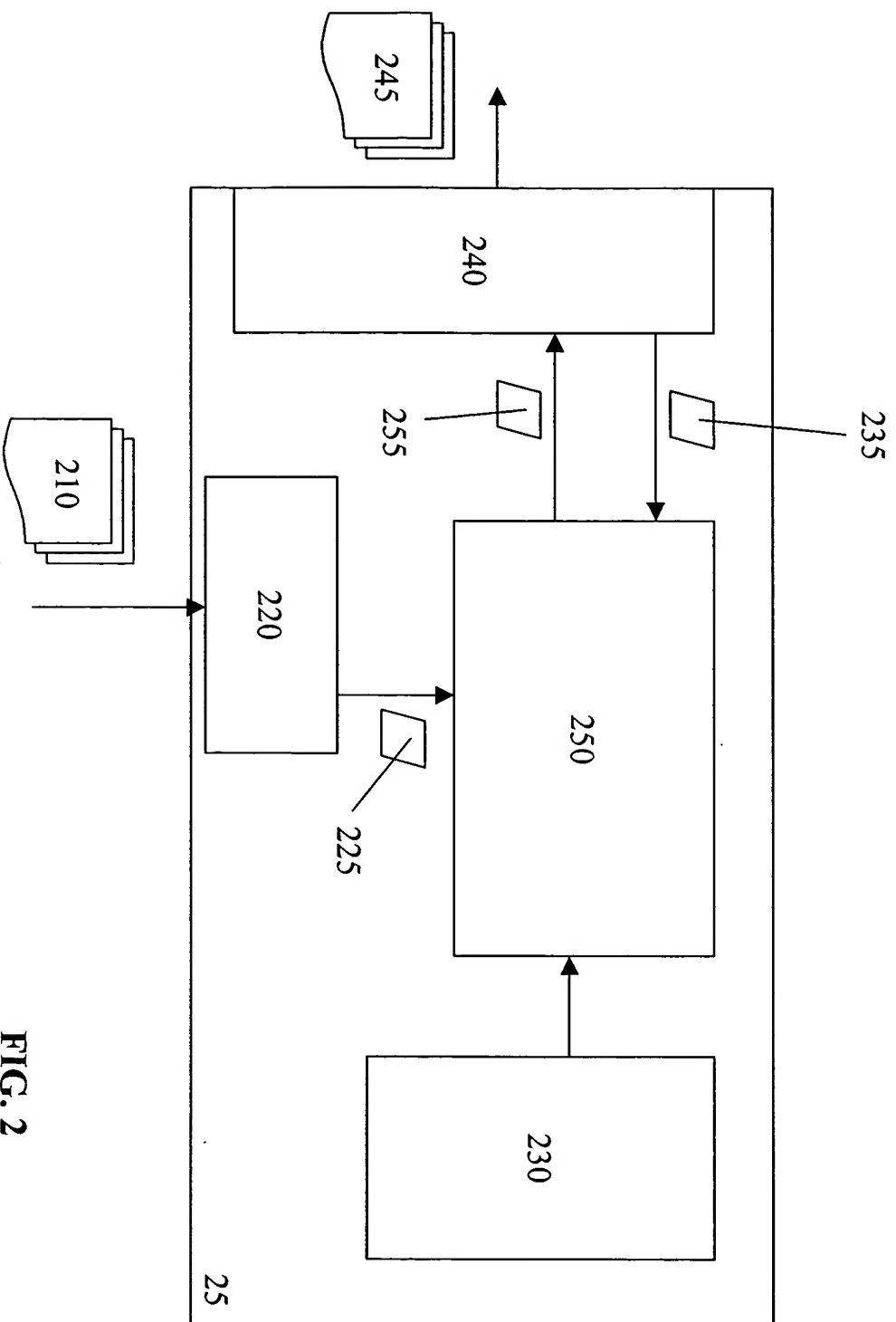


FIG. 2

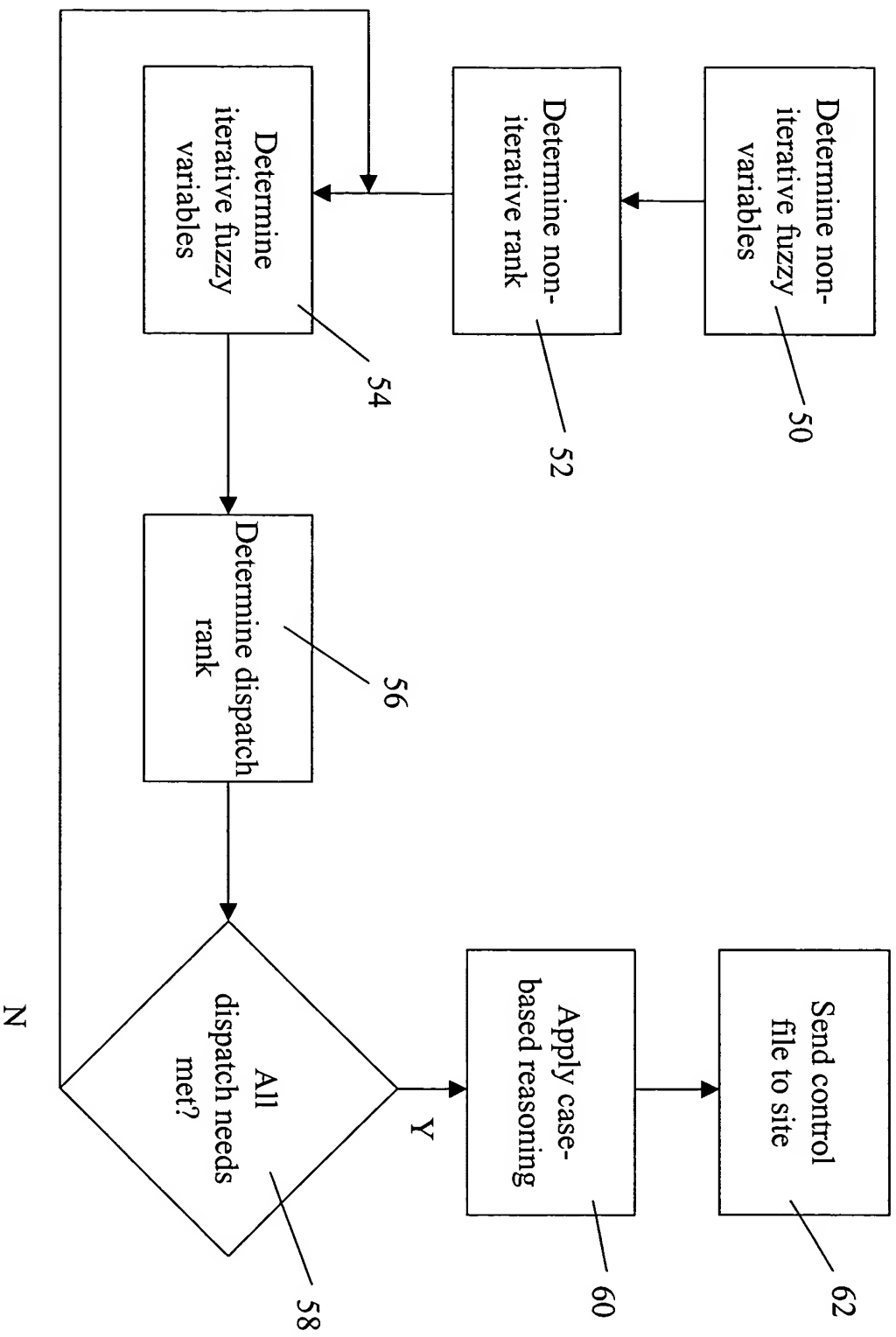


FIG. 3

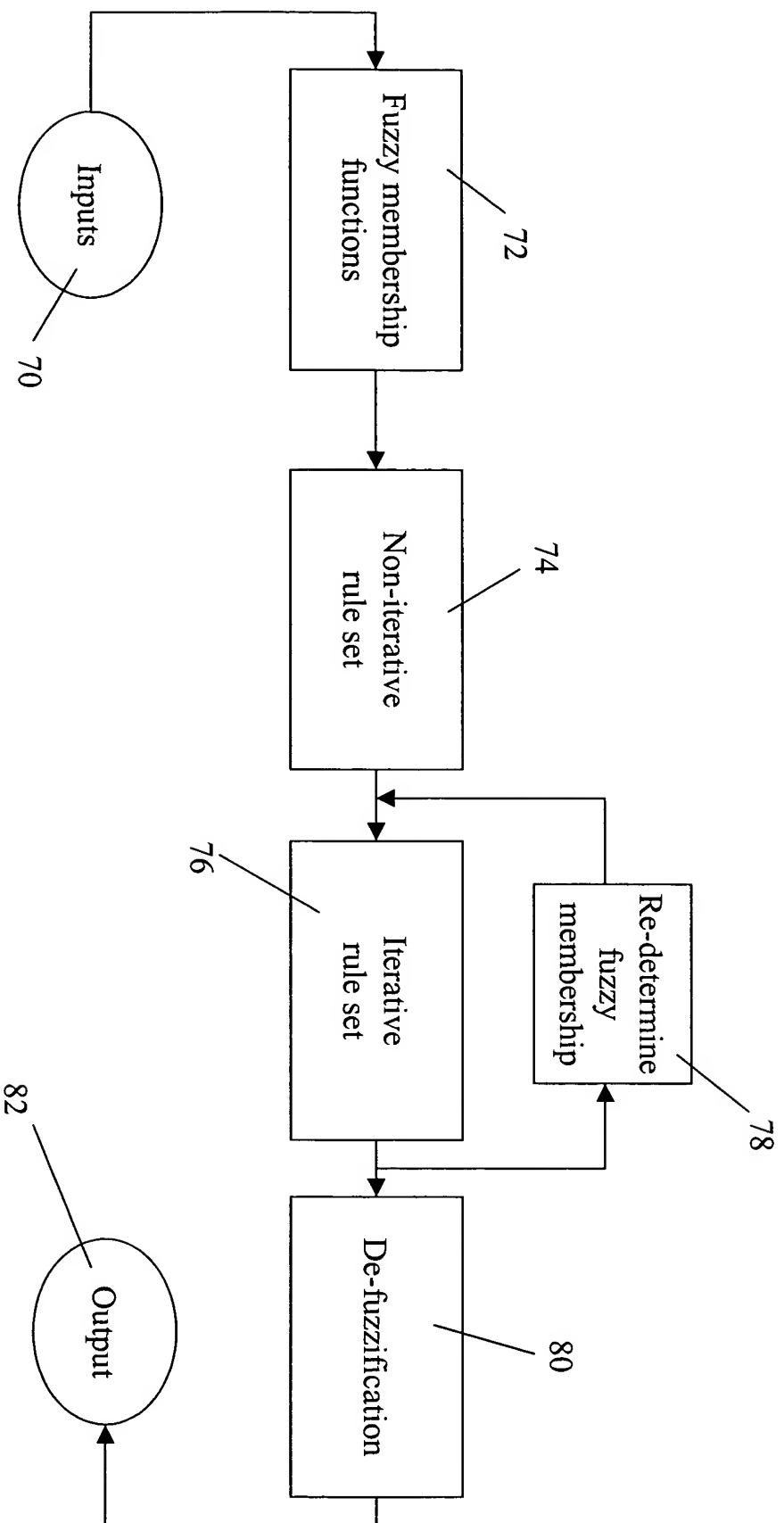


FIG. 4

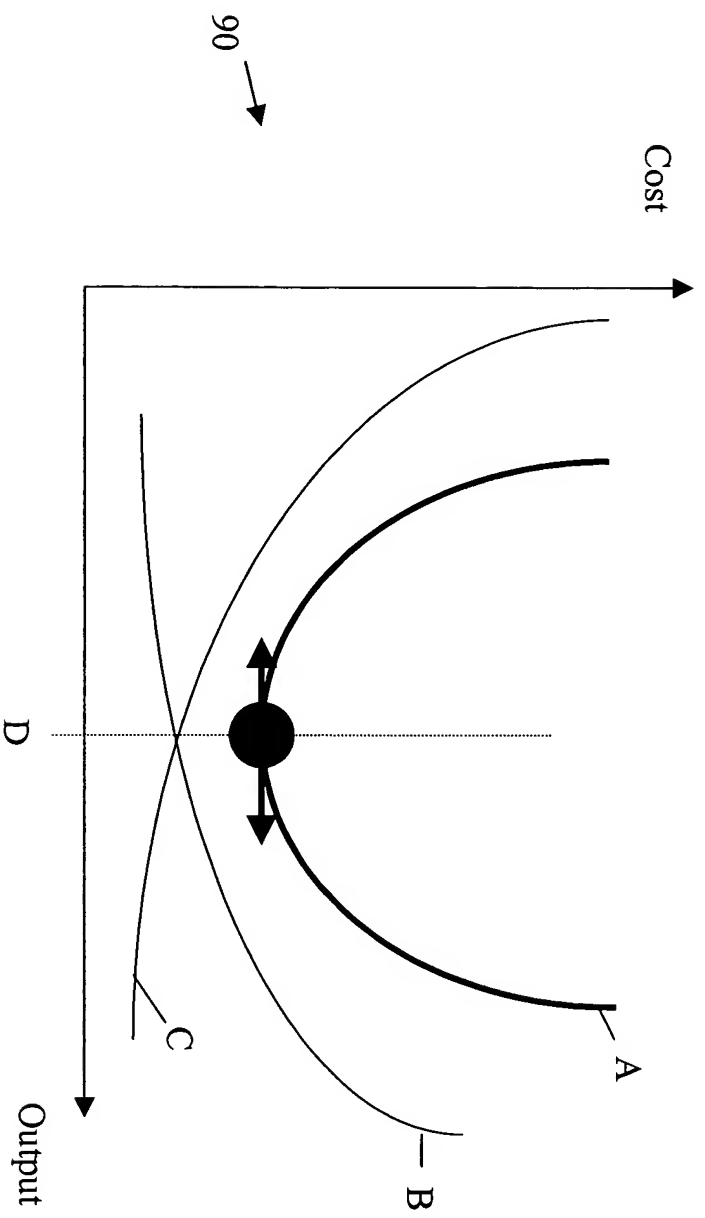


FIG. 5

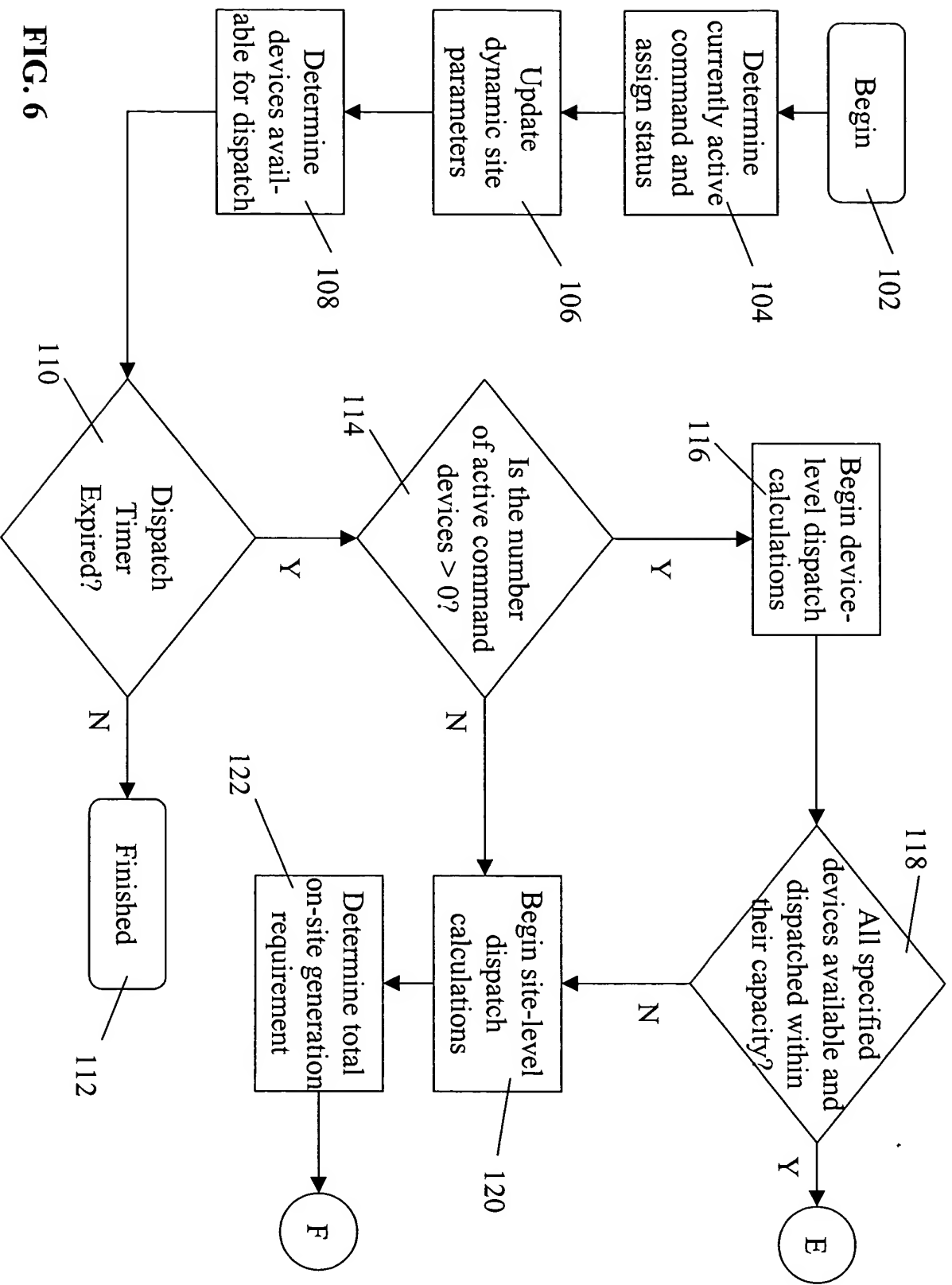
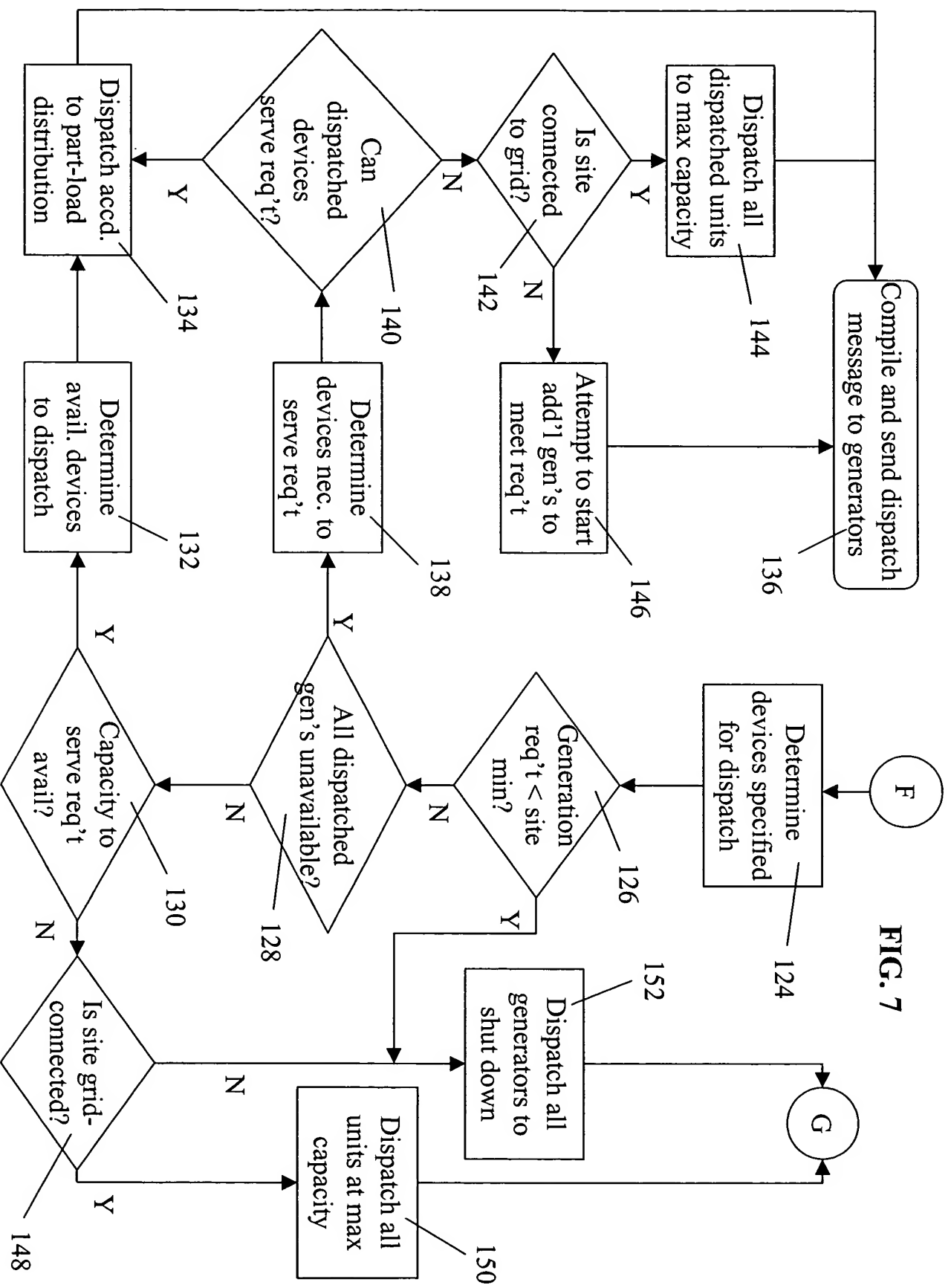
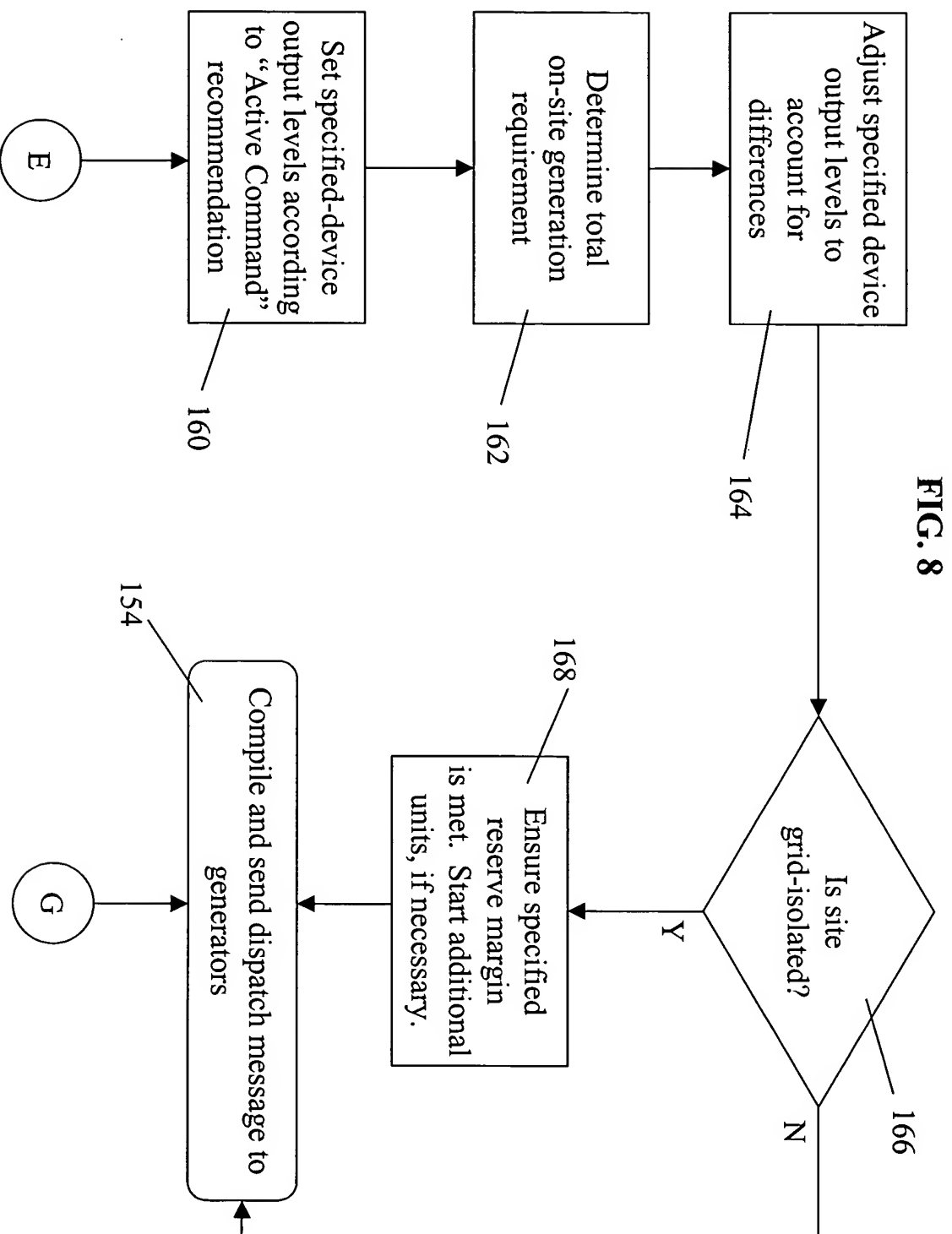
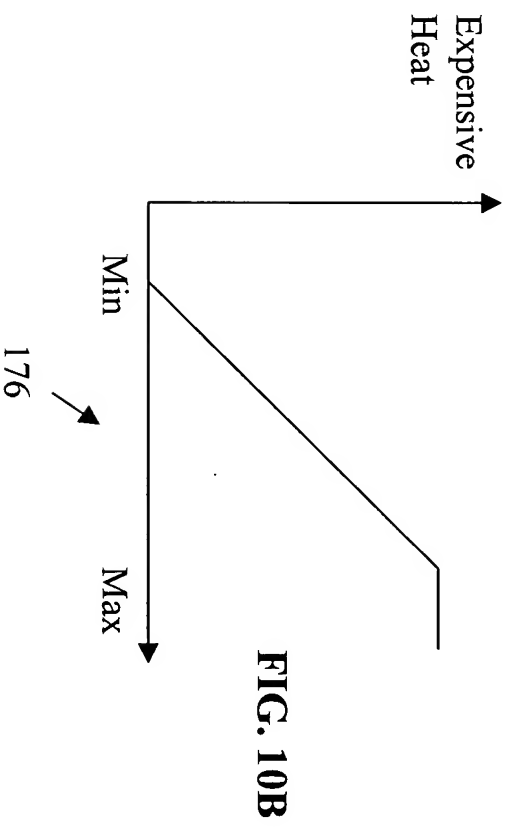
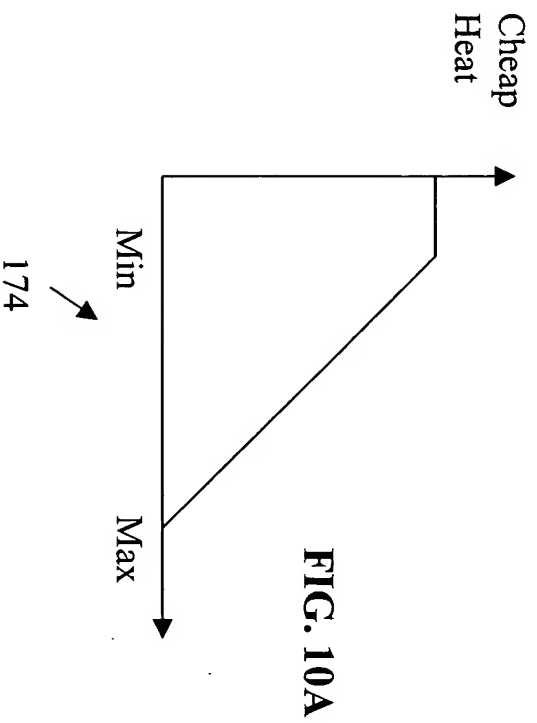
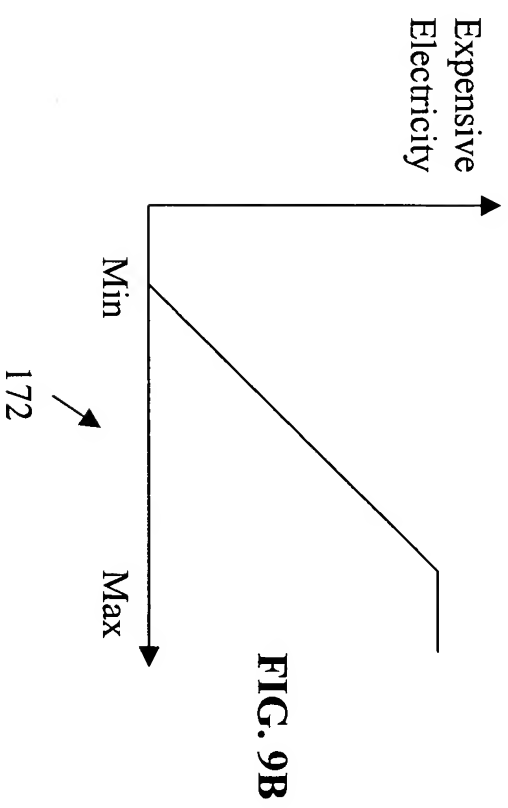
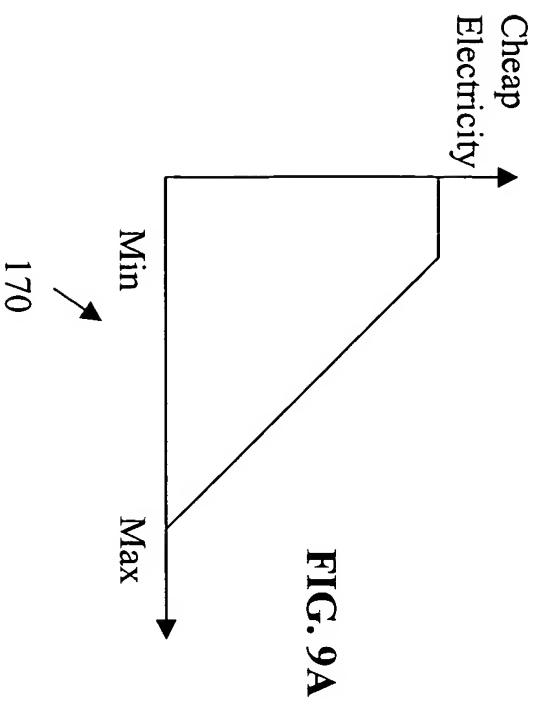


FIG. 6







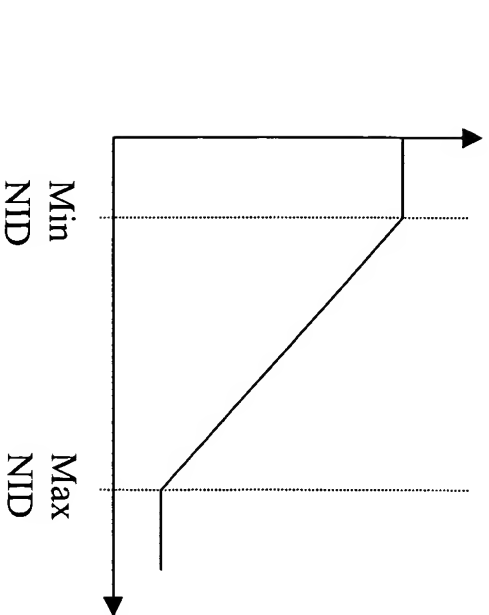
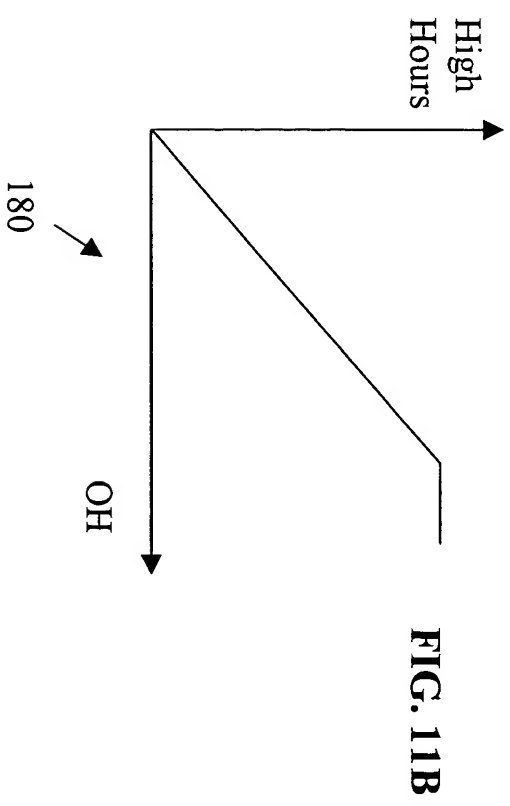
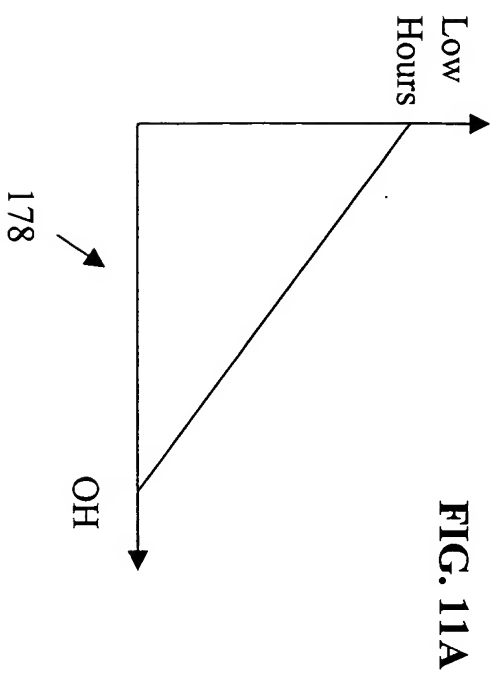
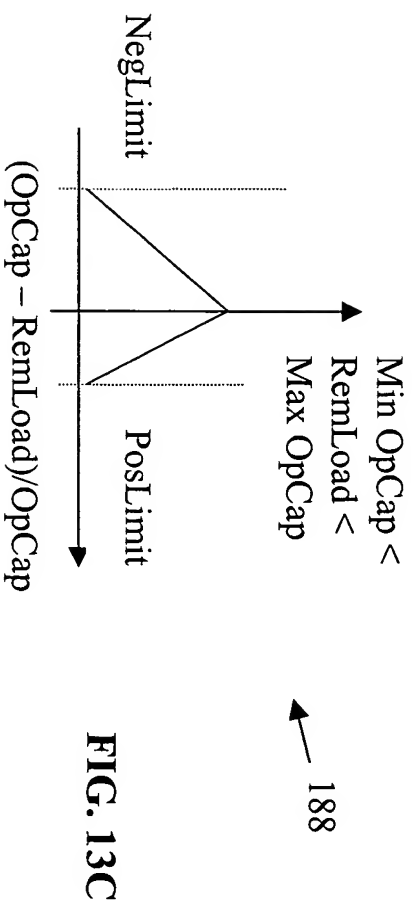
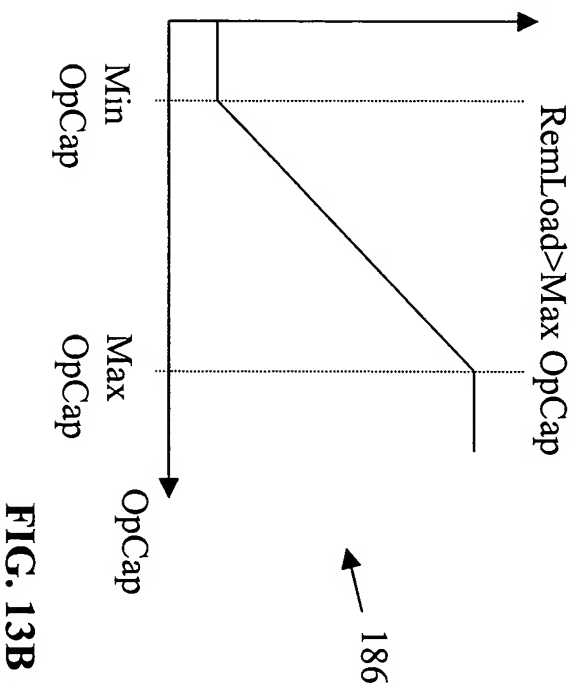
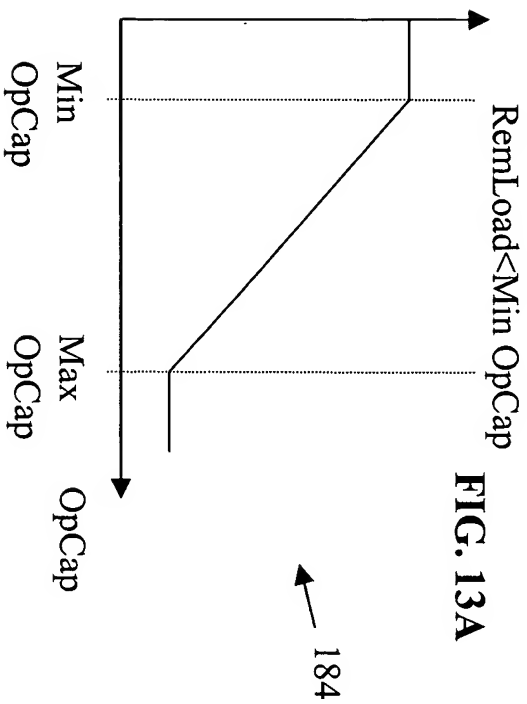


FIG. 12

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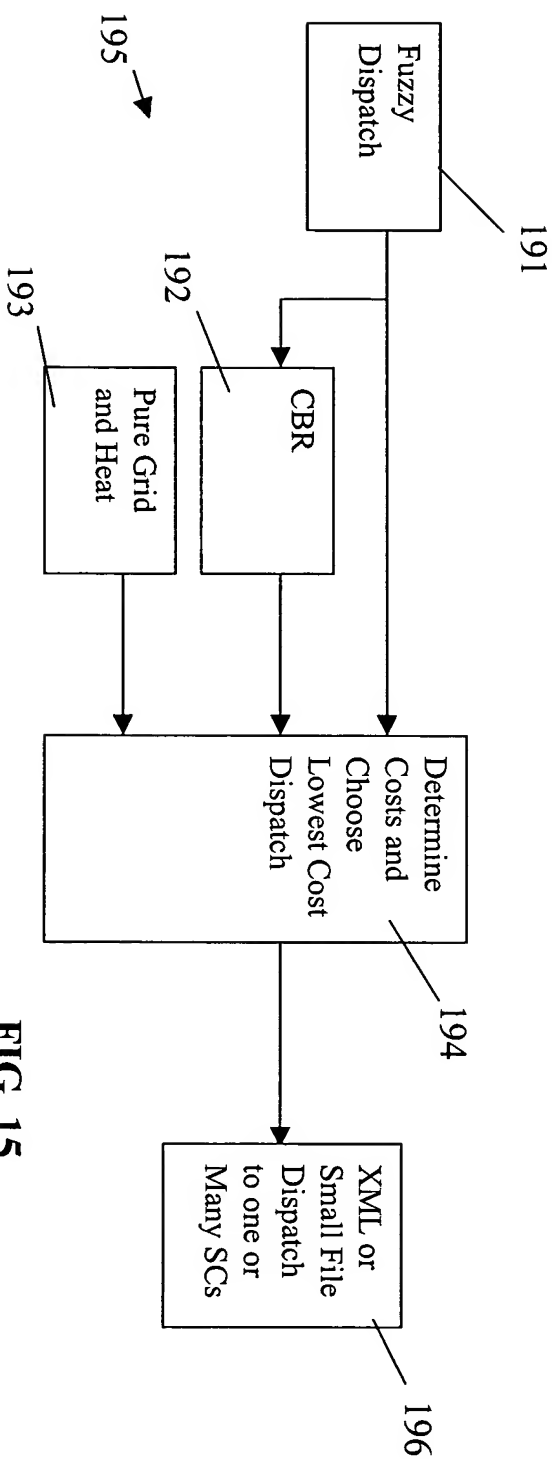
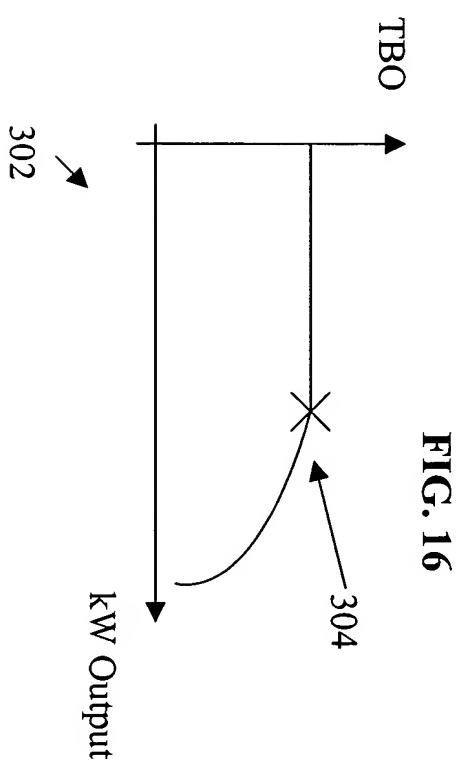
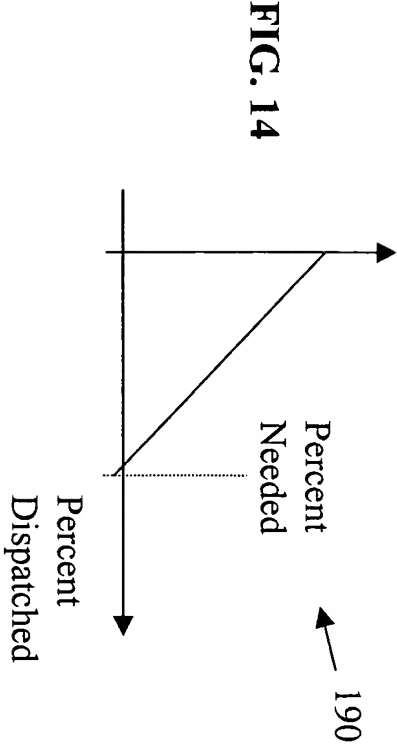


FIG. 17A

Capacity De-Rate at 0 C

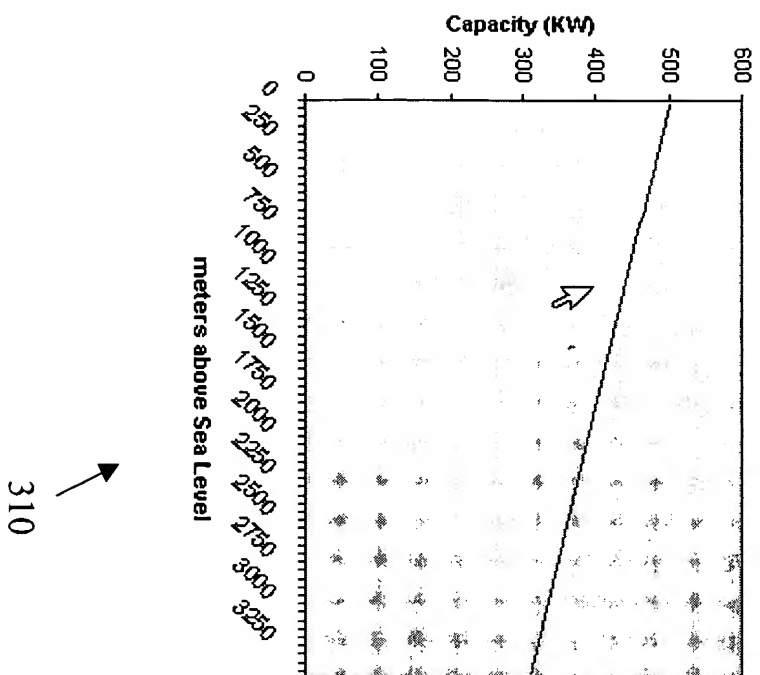


FIG. 17B

Capacity De-Rate at 35 C

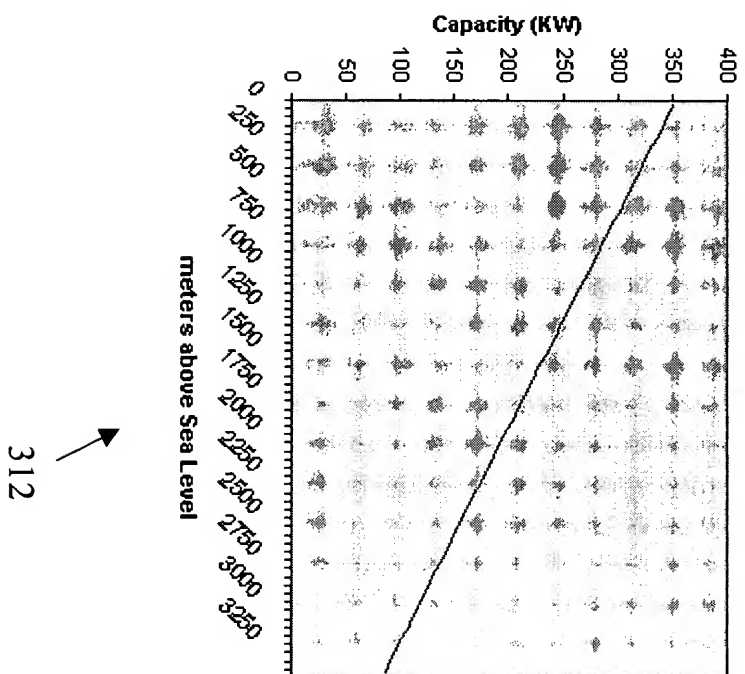
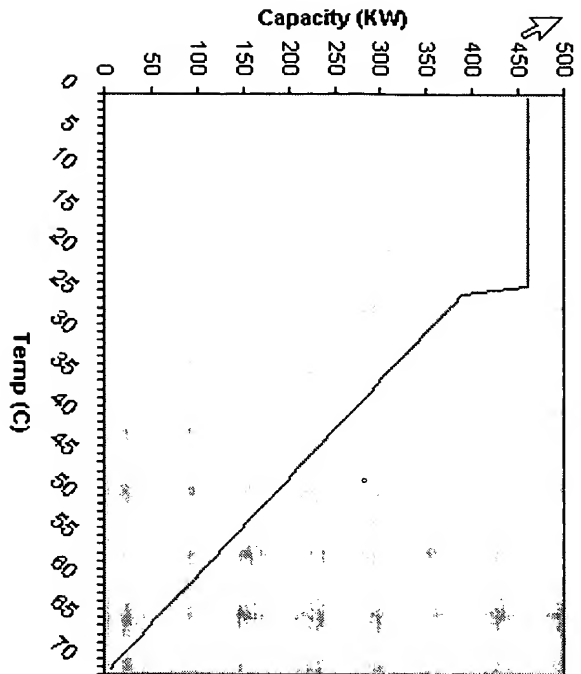


FIG. 17C

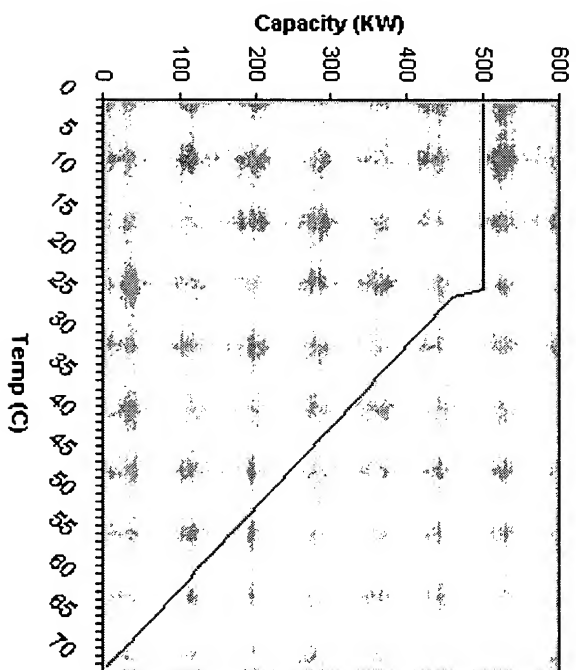
Capacity De-Rate at 700m above Sea Level



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FIG. 17D

Capacity De-Rate at Sea Level



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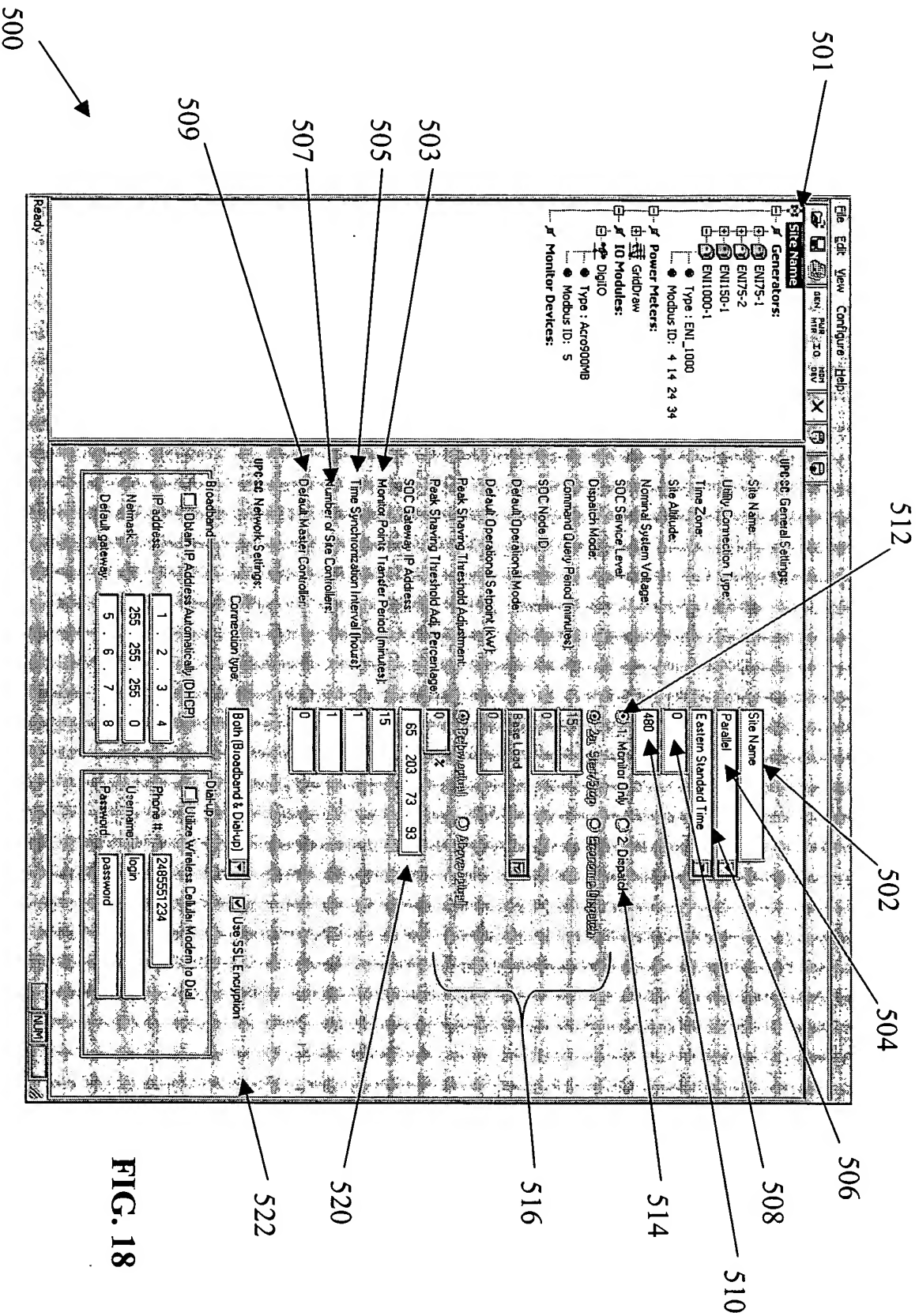


FIG. 18

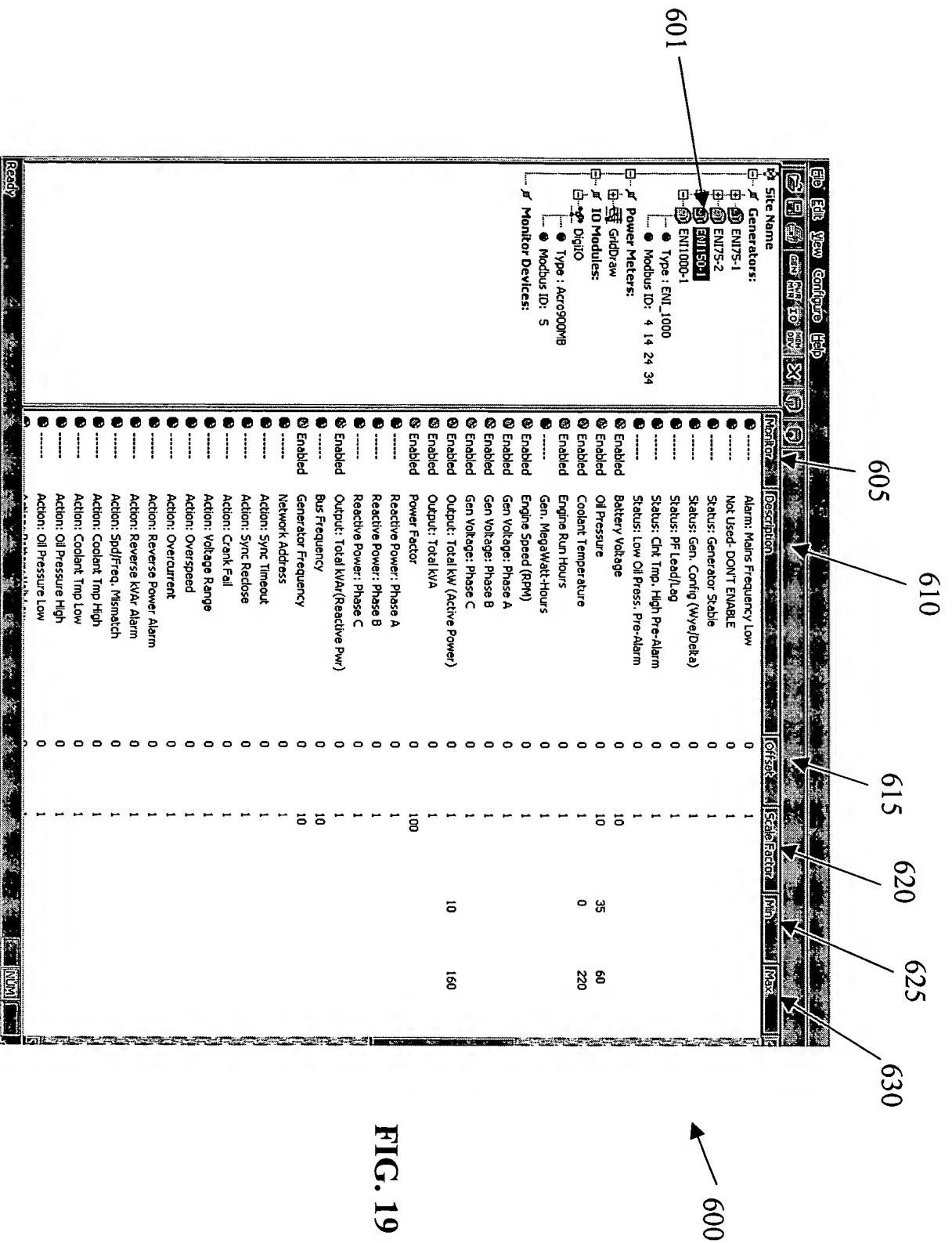


FIG. 19

FIG. 20

Site Configuration

Configuring Site | **Exit**

DTA Site Parameters

DTA Algorithm: ☒ DTA Algorithm ☐ DTAA Algorithm ☒

Load Following: ☐ 0.0

Reserve Margin: ☐ 0.0

Consider Electric Dispatch: ☒

Consider Thermal Dispatch: ☒

N Minus 1 Required: ☐

Small File Required: ☐

Logging Enabled: ☒

DTA Unit Parameters

Unit Name	Optimal Electric Capacity	Maintenance Cost	Maintenance Interval	Overhaul Cost	Overhaul Interval	Startup Cost	Shutdown Cost	Consider Thermal Output	Load Following	Fuel Cost PWD
Capstone 60	0.9	9000.0	5000	7560.0	25000	2.85	0.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	47.50

Save **Close**

FIG. 21

Schedule - Site Time Factors

Site: _____ Lab: _____

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Times Of Year		Start Date	Stop Date
Winter	December	21	March 20
Spring	March	21	June 20
Summer	June	21	September 20
Autumn	September	21	December 20

Times Of Week

Description	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
Business	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Weekend	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UNUSED	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
UNUSED	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Times Of Day

Description	Start Time	Stop Time
Business Hours	8:30	5:29
Off Hours	5:30	8:29
UNUSED	<input type="checkbox"/>	<input type="checkbox"/>

FIG. 22

Schedule: Site Schedule

Site: Lab

Time Of Year: Time Of Week: Time Of Day: Setting:

Time Of Year	Time Of Week	Time Of Day	Setting		
March 21 - June 20	MTWTHF	5:30 - 8:29	Base Load	<input type="text"/>	<input type="button" value="Add"/>
December 21 - March 20	MTWTHF	5:30 - 8:29	Base Load	<input type="text"/>	<input type="button" value="Remove"/>
September 21 - December 20	MTWTHF	8:30 - 5:29	DTA	<input type="text"/>	<input type="button" value="Remove"/>
June 21 - September 20	MTWTHF	8:30 - 5:29	DTA	<input type="text"/>	<input type="button" value="Remove"/>
March 21 - June 20	MTWTHF	8:30 - 5:29	DTA	<input type="text"/>	<input type="button" value="Remove"/>
December 21 - March 20	MTWTHF	8:30 - 5:29	DTA	<input type="text"/>	<input type="button" value="Remove"/>
September 21 - December 20	SUS	0:00 - 23:59	Peak Shaving	<input type="text"/>	<input type="button" value="Remove"/>
June 21 - September 20	SUS	0:00 - 23:59	Peak Shaving	<input type="text"/>	<input type="button" value="Remove"/>
March 21 - June 20	SUS	0:00 - 23:59	Peak Shaving	<input type="text"/>	<input type="button" value="Remove"/>
December 21 - March 20	SUS	0:00 - 23:59	Peak Shaving	<input type="text"/>	<input type="button" value="Remove"/>
September 21 - December 20	MTWTHF	5:30 - 8:29	Base Load	<input type="text"/>	<input type="button" value="Remove"/>
June 21 - September 20	MTWTHF	5:30 - 8:29	Base Load	<input type="text"/>	<input type="button" value="Remove"/>

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